

PERMIT NO. GA 0024155

SITE: GE Rome

BREAK: 20.5

OTHER: \_\_\_\_\_

STATE OF GEORGIA  
DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION

AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Georgia Water Quality Control Act (Georgia Laws 1964, p. 416, as amended), hereinafter called the "State Act," the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq.), hereinafter called the "Federal Act," and the Rules and Regulations promulgated pursuant to each of these Acts,

GENERAL ELECTRIC COMPANY  
Medium Power Transformer Products Department  
Redmond Circle, Rome, Georgia 30161

is authorized to discharge from a facility located at

Rome, Georgia

to receiving waters unnamed tributary of Horseleg Creek and unnamed tributaries of Little Dry Creek, both tributary to Coosa River

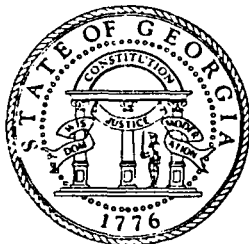
in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof.

This permit shall become effective on December 31, 1975.

This permit and the authorization to discharge shall expire at midnight, September 30, 1976.

Signed this 31st day of December, 1975 .

10090744



J. Leonard Leabette  
Director  
Environmental Protection Division

STATE OF GEORGIA  
DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning effective date \_\_\_\_\_ and lasting through September 30, 1976, the permittee is authorized to discharge from outfall(s) serial number(s) 001

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>		
	kg/day (lbs/day)		Other Units (Specify)		Measurement <sup>(1)</sup> Frequency	Sample Type	Sample Location
	Daily Avg	Daily Max	Daily Avg	Daily Max			
Flow-m <sup>3</sup> /Day (MGD)	-	-	-	-	1/week	Total Daily Flow	Final effluent
Oil & grease	-	-	-	-	1/week	Grab	Final effluent
Polychlorinated biphenyls	-	-	-	-	1/week	Composite	Final effluent
Chemical oxygen demand	-	-	-	-	1/week	Composite	Final effluent
Total suspended solids	-	-	-	-	1/week	Composite	Final effluent
Phenol	-	-	-	-	1/week	Grab	Final effluent
Total phosphorus	-	-	-	-	1/week	Composite	Final effluent
Chromium	-	-	-	-	1/week	Composite	Final effluent
Copper	-	-	-	-	1/week	Composite	Final effluent
Zinc	-	-	-	-	1/week	Composite	Final effluent
Aluminum	-	-	-	-	1/week	Composite	Final effluent

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once a week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

(1) If there is a discharge during the measuring frequency.

3. During the period beginning effective date and lasting through September 30, 1976, the permittee is authorized to discharge from outfall(s) serial number(s) 002.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>		
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type	Sample Location
	Daily Avg	Daily Max	Daily Avg	Daily Max			
Flow-m <sup>3</sup> /Day (MGD)	-	-	-	-	2/month	Total daily flow	Final effluen
Phenol	-	-	-	-	2/month	Grab	Final effluen
Total suspended solids	-	-	-	-	2/month	Composite	Final effluen
Total phosphorus	-	-	-	-	2/month	Composite	Final effluen
Chemical oxygen demand	-	-	-	-	2/month	Composite	Final effluen
Aluminum	-	-	-	-	2/month	Composite	Final effluen
Polychlorinated biphenyls	-	-	-	-	2/month	Composite	Final effluen
Oil & grease	-	-	-	-	2/month	Grab	Final effluen
Chromium	-	-	-	-	2/month	Composite	Final effluen
Zinc	-	-	-	-	2/month	Composite	Final effluen
Copper	-	-	-	-	2/month	Composite	Final effluen

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored twice a month by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

STATE OF GEORGIA  
DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION

4. During the period beginning effective date \_\_\_\_\_ and lasting through September 30, 1976, the permittee is authorized to discharge from outfall(s) serial number(s) 003

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>		
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type	Sample Location
	Daily Avg	Daily Max	Daily Avg	Daily Max			
Flow-m <sup>3</sup> /Day (MGD)	-	-	-	-	1/week	Total daily flow	Final effluent
Oil & grease	-	-	-	-	1/week	Grab	Final effluent
Phenol	-	-	-	-	1/week	Grab	Final effluent
Total suspended solids	-	-	-	-	1/week	Composite	Final effluent
Total phosphorus	-	-	-	-	1/week	Composite	Final effluent
Chemical oxygen demand	-	-	-	-	1/week	Composite	Final effluent
Polychlorinated biphenyls	-	-	-	-	1/week	Composite	Final effluent
Chromium	-	-	-	-	1/week	Composite	Final effluent
Copper	-	-	-	-	1/week	Composite	Final effluent
Zinc	-	-	-	-	1/week	Composite	Final effluent
Aluminum	-	-	-	-	1/week	Composite	Final effluent

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once a week by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

STATE OF GEORGIA  
DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION

6. During the period beginning effective date \_\_\_\_\_ and lasting through September 30, 1976, the permittee is authorized to discharge from outfall(s) serial number(s) 004 (10)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements		
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type	Sample Location
	Daily Avg	Daily Max	Daily Avg	Daily Max			
Flow-m <sup>3</sup> /Day (MGD)	-	-	-	-	2/month	Total daily flow	Final effluent
Oil & grease	-	-	-	-	2/month	Grab	Final effluent
Phenol	-	-	-	-	2/month	Grab	Final effluent
Total suspended solids	-	-	-	-	2/month	Composite	Final effluent
Total phosphorus	-	-	-	-	2/month	Composite	Final effluent
Chemical oxygen demand	-	-	-	-	2/month	Composite	Final effluent
Chromium	-	-	-	-	2/month	Composite	Final effluent
Copper	-	-	-	-	2/month	Composite	Final effluent
Zinc	-	-	-	-	2/month	Composite	Final effluent
Aluminum	-	-	-	-	2/month	Composite	Final effluent
Polychlorinated biphenyls	-	-	-	-	2/month	Composite	Final effluent

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored twice a month by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

- (1) This should be as soon as feasible after the confluence of the various point sources which form this discharge.

STATE OF GEORGIA  
DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION

PART I

Page 6 of 13  
Permit No. GA 0024155

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

- (a) The oil-water separators for discharges 001 and 003 will be completed and in operation by March 1, 1976.

- (b) An engineering report detailing the effectiveness of the control facilities and indicating the need, if any, for additional treatment facilities will be submitted by May 31, 1976.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

Note: EPD as used herein means the Division of Environmental Protection of the Department of Natural Resources.

C. MONITORING AND REPORTING

1. *Representative Sampling*

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. *Reporting*

Monitoring results obtained shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than 45 days following the completed reporting period. The first report is due on September 15, 1975. The EPD may require reporting of additional monitoring results by written notification. Signed copies of these, and all other reports required herein, shall be submitted to the following address:

Georgia Environmental Protection Division  
Water Quality Control Section  
270 Washington Street, SW  
Atlanta, Georgia 30334

3. *Definitions*

- a. The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges by weight divided by the number of days sampled during the calendar month when the measurements were made.
- b. The "daily maximum" discharge means the total discharge by weight during any calendar day.
- c. The "daily average" concentration means the arithmetic average (weighted by flow value) of all the daily determinations of concentration made during a calendar month. Daily determinations of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow value) of all the sample collected during that calendar day.

- d. The "daily maximum" concentration means the daily determination of concentration for any calendar day.
- e. "Weighted by flow value" means the summation of each sample concentration times its respective flow in convenient units divided by the sum of the respective flows.
- f. For the purpose of this permit, a calendar day is defined as any consecutive 24-hour period.

4. *Test Procedures*

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304(g) of the Federal Act.

5. *Recording of Results*

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;
- c. The person(s) who performed the analyses;
- d. The analytical techniques or methods used; and
- e. The results of all required analyses.

6. *Additional Monitoring by Permittee*

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form (EPA No. 3320-1). Such increased monitoring frequency shall also be indicated. The EPD may require more frequent monitoring or the monitoring of other pollutants not required in this permit by written notification.

7. *Records Retention*

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained by the permittee for a minimum of three (3) years, or longer if requested by the State Environmental Protection Division.



A. MANAGEMENT REQUIREMENTS

1. *Change in Discharge*

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges or pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the EPD of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

2. *Noncompliance Notification*

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Water Quality Control Section of EPD with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. A description of the discharge and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

3. *Facilities Operation*

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

4. *Adverse Impact*

The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. *Bypassing*

Any diversion from or bypass of facilities covered by this permit is prohibited, except (i) where unavoidable to prevent loss of life or severe property damage, or (ii) where excessive storm drainage, runoff, or infiltration would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. The permittee shall operate the treatment works, including the treatment plant and total sewer system, to minimize discharge of the pollutants listed in Part I of this permit from combined sewer overflows or bypasses. The permittee shall monitor all overflows and bypasses in the sewer and treatment system. A record of each overflow and bypass shall be kept with information on the location, cause, duration, and peak flow rate. Upon written notification by EPD, the permittee may be required to submit a plan and schedule for reducing bypasses, overflows, and infiltration in the system.

6. *Removed Substances*

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the State.

7. *Power Failures*

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. In accordance with the Schedule of Compliance contained in Part I, provide an alternative power source sufficient to operate the wastewater control facilities;

or, if such alternative power source is not in existence, and no date for its implementation appears in Part I,

- b. Halt, reduce or otherwise control production and/or all discharges from wastewater control facilities upon the reduction, loss, or failure of the primary source of power to said wastewater control facilities.

B. RESPONSIBILITIES

1. *Right of Entry*

The permittee shall allow the Director of EPD, the Regional Administrator of EPA, and/or their authorized representatives, agents, or employees, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and

- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any discharge of pollutants.

2. *Transfer of Ownership or Control*

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Water Quality Control Section of EPD.

3. *Availability of Reports*

Except for data determined by the Director of EPD to be confidential under Section 16 of the State Act or the Regional Administrator of the U.S. Environmental Protection Agency under Section 308 of the Federal Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the Atlanta office of the EPD. Effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 22(b) of the State Act.

4. *Permit Modification*

After written notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

5. *Toxic Pollutants*

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Federal Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.



6. *Civil and Criminal Liability*

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. *State Laws*

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Federal Act.

8. *Water Quality Standards*

Nothing in this permit shall be construed to preclude the modification of any condition of this permit when it is determined that the effluent limitations specified herein fail to achieve the applicable State water quality standards.

9. *Property Rights*

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

10. *Expiration of Permit*

Permittee shall not discharge after the expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit such information, forms, and fees as are required by the agency authorized to issue permits no later than 180 days prior to the expiration date.

11. *Contested Hearings*

Any person who is aggrieved or adversely affected by any action of the Director of EPD shall petition the Director for a hearing within thirty (30) days of notice of such action.

12. *Severability*

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

PREVIOUS PERMITS

All previous State water quality permits issued to this facility, whether for construction or operation, are hereby revoked by the issuance of this permit. This action is taken to assure compliance with the Georgia Water Quality Control Act, as amended, and the Federal Water Pollution Control Act, as amended. Receipt of the permit constitutes notice of such action. The conditions, requirements, terms and provisions of this permit authorizing discharge under the National Pollutant Discharge Elimination System govern discharges from this facility.